

Listing of Claims

1. (currently amended) A ~~S~~system for detachable joining of beams ~~with~~ of square and/or rectangular cross-section ~~for respective beam~~ comprising, for each beam to be joined, two or more fixing plates mounted able in pairs on opposite sides of ~~the~~ a beam and fixed able along a ~~the~~ beam by a friction joint maintained by tightening bolts, ~~whereby respective~~ each fixing plate comprises ing a first surface, the extension t of which in at least one direction corresponds to a multiple of one beam width, and a second surface, ~~turned~~ which is adapted to face away from the a beam and which is bearable against the second surface of a fixing plate in a different pair of fixing plates when two or more beams are arranged to be joined in perpendicular and/or parallel directions ~~by at least two opposite to each other arranged fixing plates, which are organized to bear on each other along the respective second surface and whose the mutual relative positions of said fixing plates in different pairs being~~ are fixed by locking elements in recessions ~~in the each other~~ said second facing ~~sides~~ surfaces of the fixing plates ~~and which~~ said locking elements also ~~constitute~~ anchoring of the tightening bolts.
2. (currently amended) A ~~S~~system according to claim 1, wherein the locking elements are made of inner threaded sleeves.
3. (currently amended) A ~~S~~system according to claim 2, wherein ~~the~~ each fixing plate comprises projections arranged at ~~respective~~ each corners of the fixing plate.
4. (cancelled)
5. (currently amended) A ~~S~~system according to claim 3, wherein wedges, extending from the projections are arranged to fix the position of the beams in a transverse direction in the friction joint, whereby a shape determined locking of the beams is achieved.
6. (currently amended) A ~~S~~system according to claim 2, wherein the sleeves have longitudinal slots.

7. (cancelled)